

U. S. Department of Agriculture  
Agricultural Marketing Service  
and  
U. S. Department of Commerce  
Weather Bureau

Nebr. Dept. of Agr. & Inspection  
Division of Agr'l Statistics  
and  
Agricultural Extension Service  
of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 9-3-57

Week Ending 8-31-57

WEATHER Average temperatures ranged from a few degrees below normal in the west to 5 degrees above in the southeast. There was no extremely hot or cool weather. The beginning of the week was cool in the west, followed by warming to seasonable temperatures; while warm weather prevailed over the eastern portion of the State most of the week. Rains fell on several days, and ranged from light in the northwest to heavy over the eastern and south-central portions of the State.

CROPS Dry, hot weather lowered corn prospects further in the northeast and southwestern counties, but this was offset by further gains in the east central and southeastern sections. Damage in much of the northeast was checked by liberal rains although some sections still lacked necessary moisture to maintain present corn and sorghum prospects. Rainfall was also spotted in the southwest with a few areas getting some relief, but the southwest needs general rain to check declining corn and sorghum prospects.

The bulk of the corn crop is in the roasting ear or entering the hard dough stage. About 10 percent was reported in the milk stage and 12 percent had reached the dent stage. At about this time last year, only 5 percent was in the milk stage and about 40 percent dented.

Sorghum continues promising although fields show "firing" in the dry sections. Last week's rains were of material benefit to the acreage in most of the eastern half of the State. Hybrid sorghum promises a bumper yield.

Soybeans have maintained their good to excellent condition. Irrigated crops are promising in all sections. Watering was at a peak in most irrigated sections last week as soil moisture reserves were running short and vegetation demands were heavy.

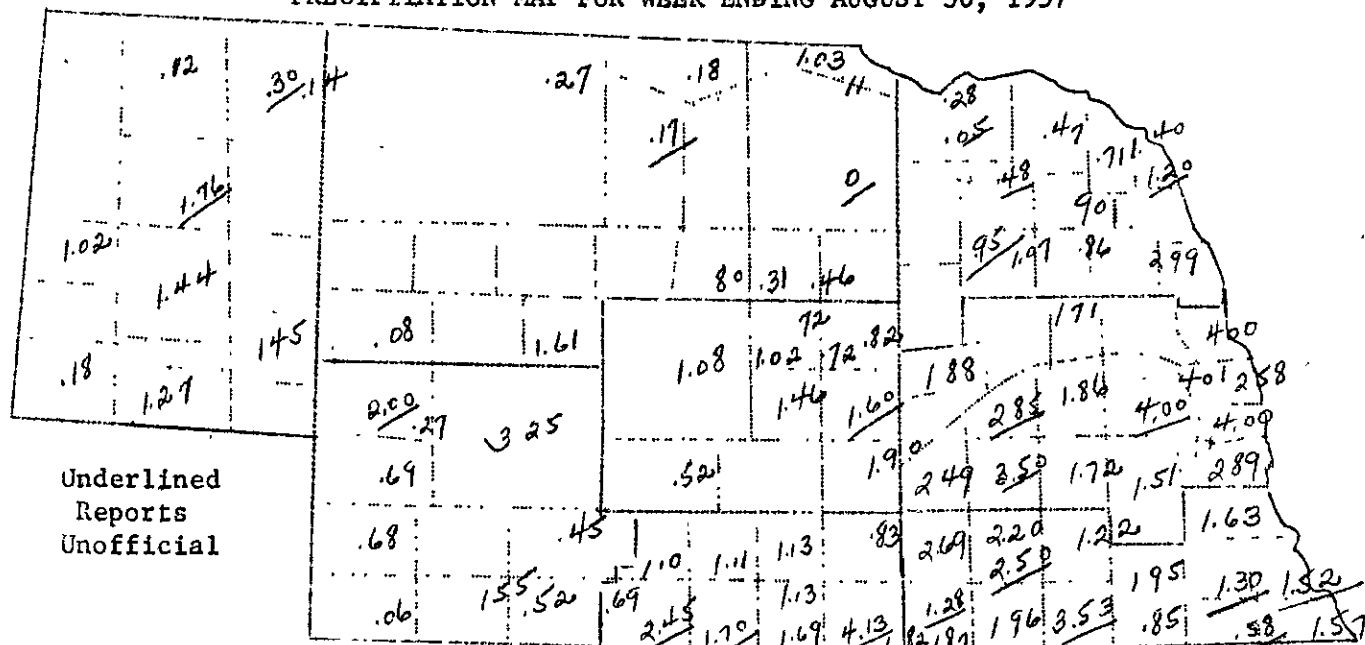
Alfalfa was helped by rains although dry weather cut prospects for the late cuttings. Wild hay harvest is just about over.

Winter wheat seeding started in scattered areas of the west and central counties. Seeding of alfalfa and grasses was also under way.

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING AUGUST 31, 1957

| <u>Eastern Division</u>            |      | <u>Central Division</u> |       | <u>Western Division</u> |       |       |       |       |       |
|------------------------------------|------|-------------------------|-------|-------------------------|-------|-------|-------|-------|-------|
| Grand Island                       | 2.78 | Burwell                 | .31   | Chadron                 | .11   |       |       |       |       |
| Lincoln                            | 2.33 | North Platte            | 3.34  | Imperial                | .43   |       |       |       |       |
| Norfolk                            | 1.62 | Valentine               | .94   | Scottsbluff             | 1.10  |       |       |       |       |
| Omaha                              | 3.48 |                         |       | Sidney                  | .63   |       |       |       |       |
| Sioux City                         | 3.23 |                         |       |                         |       |       |       |       |       |
| Precipitation, April 1 - August 30 |      |                         |       |                         |       |       |       |       |       |
|                                    |      | NW                      | NC    | NE                      | Cen   | EC    | SW    | SC    | SE    |
| Total Past Week                    |      | 0.73                    | 0.54  | 1.08                    | 1.03  | 2.29  | 0.93  | 1.19  | 1.77  |
| Total Since April 1                |      | 15.86                   | 15.99 | 16.16                   | 20.20 | 23.08 | 18.48 | 21.93 | 20.60 |
| Long-time Avg. Since April 1       |      | 11.23                   | 13.37 | 15.78                   | 14.43 | 16.66 | 12.77 | 14.80 | 18.19 |

# PRECIPITATION MAP FOR WEEK ENDING AUGUST 30, 1957



HIGHEST AND LOWEST TEMPERATURES (Highs for 24 hours ending at 12:30 a.m., and lows for 12 hours ending at 6:30 a.m. CST)

|     |              | Aug. |     | September |     |     |     |     |     |     |     |     |     |     |     |
|-----|--------------|------|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |              | 27   | 28  | 29        | 30  | 31  | 1   | 2   |     |     |     |     |     |     |     |
|     |              | Max  | Min | Max       | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min |
| NW  | Chadron      | 71   | 50  | 68        | 51  | 82  | 55  | 84  | 60  | 86  | 56  | 80  | 56  | 83  | 51  |
|     | Scottsbluff  | 78   | 58  | 79        | 49  | 83  | 53  | 81  | 55  | 79  | 55  | 81  | 57  | 77  | 45  |
|     | Sidney       | 85   | 53  | 75        | 46  | 77  | 56  | 82  | 57  | 83  | 55  | 82  | 58  | 80  | 47  |
| NC  | Burwell      | 86   | 60  | 74        | 58  | 80  | 61  | --  | --  | --  | --  | --  | --  | 75  | 49  |
|     | Valentine    | 71   | 53  | 69        | 57  | 76  | 62  | 85  | 63  | 89  | 68  | 90  | 63  | 79  | 52  |
| NE  | Norfolk      | 83   | 60  | 74        | 62  | 74  | 62  | 83  | 69  | 91  | 72  | 92  | 72  | 90  | 58  |
|     | Sioux City   | 83   | 58  | 69        | 64  | 71  | 64  | 80  | 67  | 89  | 67  | 90  | 68  | 90  | 62  |
| Cen | Grand Island | 85   | 65  | 84        | 64  | 75  | 65  | 86  | 70  | 91  | 71  | 90  | 70  | 85  | 56  |
| EC  | Lincoln      | 91   | 67  | 87        | 66  | 80  | 67  | 88  | 72  | 92  | 73  | 92  | 72  | 92  | 67  |
|     | Omaha        | 85   | 63  | 83        | 65  | 77  | 65  | 82  | 69  | 88  | 69  | 88  | 70  | 87  | 64  |
| SW  | Imperial     | 88   | 58  | 82        | 56  | 78  | 61  | 86  | 59  | 91  | 65  | 87  | 58  | 84  | 50  |
|     | North Platte | 83   | 58  | 82        | 57  | 77  | 61  | 83  | 65  | 89  | 65  | 89  | 64  | 81  | 52  |

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